

Converting Colors

YIQ(159.9660, 14.5350, -4.6090)

Have a look what the booklet for
YIQ(159.9660, 14.5350, -4.6090)
contains.

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Color

**YIQ(159.9660, 14.5350,
-4.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9F88
RGB	171, 159, 136
RGB Percent	67%, 62%, 53%
CMY	0.3294, 0.3765, 0.4666
CMYK	0.00, 0.07, 0.20, 0.33
HSL	39°, 17%, 60%
HSV	39°, 20%, 67%
XYZ	33.6379, 35.2310, 28.3271
YIQ	159.9660, 14.5350, -4.6090

Conversions

Conversions Part 2

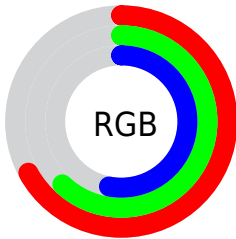
Format	Color
RYB	154, 171, 136
Decimal	11247496
CIELab	65.93, 0.53, 13.58
CIELCh	66, 13.589, 87.751
Yxy	35.2310, 0.3461, 0.3625
Android (android.graphics.Color)	4289437576 (0xFFAB9F88)
YUV	159.9660, -11.8152, 9.6768
Hunter-Lab	59.3557, -2.7133, 13.2533

Details

The YIQ color **159.9660, 14.5350, -4.6090** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147.0340, -14.5350, 4.6090**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.0370, 15.7730, -5.0190**, and **108.4820, 13.0220, -4.7220** is the 20% darker color. If you saturate the color by 10%, you get **154.5060, 21.6420, -6.7580**, and if you desaturate by 10%, it is **165.4260, 7.4280, -2.4600**.

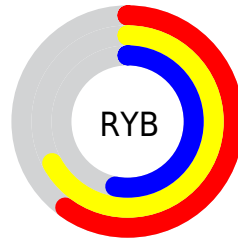
Distribution



Red (67%)

Green (62%)

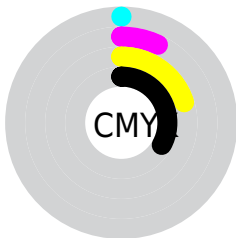
Blue (53%)



Red (60%)

Yellow (67%)

Blue (53%)

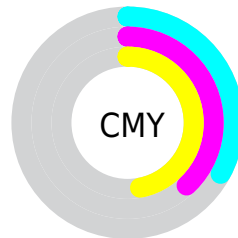


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.9660, 14.5350, -4.6090 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 159.9660, 14.5350, -4.6090 by changing the saturation by 10% instead.

■ 159.9660, 14.5350,
-4.6090

■ 159.9660, 14.5350,
-4.6090

■ 255.0000, -0.0000,
-0.0000

■ 133.7810, 13.6180,
-4.5100

■ 215.0370, 15.7730,
-5.0190

■ 108.4820, 13.0220,
-4.7220

■ 243.0370, 15.7730,
-5.0190

■ 83.7100, 12.3800,
-4.1000

■ 253.9740, 2.8890,
-2.7990

■ 60.8240, 12.0590,
-3.7890

■ 39.2260, 10.8670,
-4.2130

■ 18.3400, 10.5460,
-3.9020

■ 0.0000, 0.0000,

0.0000

■ 159.9660, 14.5350,
-4.6090

■ 159.9660, 14.5350,
-4.6090

■ 154.5060, 21.6420,
-6.7580

■ 165.4260, 7.4280,
-2.4600

■ 149.0460, 28.7490,
-8.9070

■ 170.8860, 0.3210,
-0.3110

■ 143.5860, 35.8560,
-11.0560

■ 176.3460, -6.7860,
1.8380

■ 138.7130, 42.6880,
-13.7280

■ 181.2190,
-13.6180, 4.5100

■ 133.2530, 49.7950,
-15.8770

■ 186.7930,
-21.0460, 6.9700

■ 127.6790, 57.2230,
-18.3370

■ 192.2530,
-28.1530, 9.1190

■ 122.2190, 64.3300,
-20.4860

■ 197.5990,
-34.9390, 10.9570

■ 116.8730, 71.1160,
-22.3240

■ 201.1210,
-36.5890, 7.8190

■ 204.6430,
-38.2390, 4.6810

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.0640, 20.3110, 0.8470



159.9660, 14.5350, -4.6090



158.7690, 4.7240, -8.5240

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



159.9660, 14.5350, -4.6090



156.0940, -23.9320, -6.8120



162.4450, 6.4170, 10.3610

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



159.9660, 14.5350, -4.6090



147.0340, -14.5350, 4.6090

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



161.0460, -5.6410, 8.6230



159.9660, 14.5350, -4.6090



157.1420, -23.8870, -2.1190

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



159.9660, 14.5350, -4.6090



155.9220, -17.6960, -9.6960



159.7240, -16.5980, 3.4500



162.7080, 15.8620, 9.8940

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.9660, 14.5350, -4.6090



157.5230, -3.3910, -10.1350



159.7240, -16.5980, 3.4500



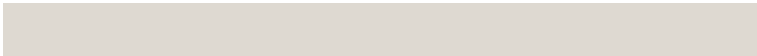
162.2920, 2.4740, 10.2340

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



159.9660, 14.5350, -4.6090



217.5830, 5.5480, -1.4280



147.8330, 17.0080, 11.1520



109.9140, 3.1180, -1.4420



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.9660, 14.5350, -4.6090



204.4630, 23.2010, -7.4790



165.5150, 8.2550, -11.9450



84.2130, 3.7140, -1.2300



102.9630, 62.1750, -19.9770



15.6820, 9.5830, -2.9690

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



147.0340, -14.5350, 4.6090



183.5370, -23.2010, 7.4790



141.4850, -8.2550, 11.9450



80.7870, -3.7140, 1.2300



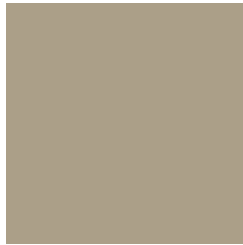
47.6240, -62.4500, 19.4540



7.3180, -9.5830, 2.9690

Previews

White Background



This preview shows how the YIQ color 159.9660, 14.5350, -4.6090 looks on a white background.

Color Contrast Check

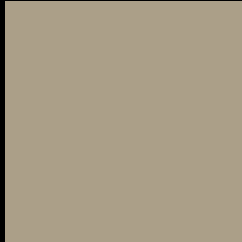
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 159.9660, 14.5350, -4.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

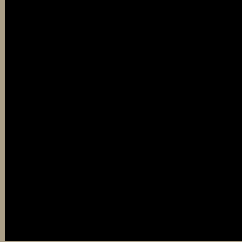
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 159.9660, 14.5350, -4.6090

Background



This preview shows how black text looks on a background with the YIQ color 159.9660, 14.5350, -4.6090.



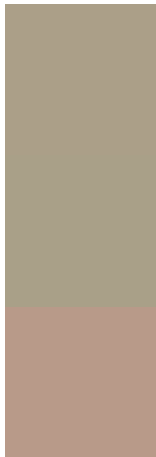
This preview shows how white text looks on a background with the YIQ color 159.9660, 14.5350,

-4.6090.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

159.9660, 14.5350, -4.6090

Protanopia

159.9550, 13.0680, -5.5560

Deuteranopia

161.0320, 23.3370, 1.0730



Tritanopia

162.3480, 8.0680, 7.9720

Trichromacy



Original Color

159.9660, 14.5350, -4.6090

Protanomaly

160.2540, 13.6640, -5.3440

Deuteranomaly

160.7110, 19.8070, -1.0330

Tritanomaly

161.3820, 10.7280, 3.8160

Monochromacy



Original Color

159.9660, 14.5350, -4.6090

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.1700, 5.2730, -1.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.9660, 14.5350, -4.6090 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 159, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 159, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 136) }
```

Border

The CSS property to change the border of an element to YIQ 159.9660, 14.5350, -4.6090 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 159, 136) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 159, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 159, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 159, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 159, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 159,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 159.9660, 14.5350, -4.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
159, 136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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